

EOS4 601 X WTHF

Order Code: 1110043

Finger Detection Safety Light Curtain with Heated Watertight Enclosure. IP69K/Ecolab Certified. Automatic/Manual Restart and EDM. Prewired with 10 m Lead Cable



Safety level

Type 4 - PL e

Protected height (mm)

610

Resolution (mm)

14

Max. range (m)

5

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Technical Description

Type 4, SIL 3, SILCL 3, PL e, Cat. 4

Watertight enclosures allow Safety Light Curtains to be used in harsh working environments with exposure to water jets and steam

The use of inert and non-toxic components allow WTF and WTHF enclosures to be used in the Food & Beverage industry, where frequent wash down procedures are required

Integrated anti-condensation system

Hardware configuration: no programming necessary, easy to install and replace

What's in the Box: Emitter, Receiver, Standard Fastening Brackets, Pre-Wired Connection Cable

EOS4 601 X WTHF

Features

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|---|---|
| Safety level | Type 4 - PL e |
| Protected height (mm) | 610 |
| Resolution (mm) | 14 |
| Controlled height (mm) | 600 |
| Max. range (m) | 5 |
| Restart | Built-in - User selectable automatic or manual |
| Functioning system | Emitter / Receiver |
| Safety level (SIL / PL) | Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4 |
| Operating temperature (°C) | - 25 ... 50 |
| Response time (ms) | 4 |
| Number of beams | 60 |
| Max. length of the connection cables (m) | 100 |
| Signalling | LEDs for light curtain's status and diagnostics |
| Safety output type | 2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity |
| Connections | Cable output |
| MTTFD (ISO13849) years | 100 |
| PFHD (IEC 61508) | 1,75E-08 |
| Materials suitable for food applications | Yes |
| Light curtain technical data | Refer to EOS4 X models table |
| Safety outputs | 2 OSSD PNP (400 mA at 24 VDC) |

EOS4 601 X WTHF

| | |
|------------------------------------|---|
| Safety functions | Integrated |
| Special versions | Food and beverage, Heated, Watertight enclosure |
| Detection | Finger |
| Protective enclosures | Food industry IP69K |
| Packaging dimensions HxLxW (mm) | 145 x 910 x 200 |
| Product class | C |
| Custom tariff | 85365019 |

Electrical data

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|--------------------|----------|
| Power supply (VDC) | 24 ± 20% |
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Mechanical data

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|---------------------------|-----------------------------------|
| Overall height (mm) | 787 |
| Degree of protection | IP69K |
| Fastening | Set of 4 ring brackets (included) |
| Diameter (mm) | 56 |
| Max. water pressure (bar) | 80 . . . 100 |
| Gross weight (g) | 4978,99 |

Technical drawings



Certificates

